

Earth Web Workout 1 | Volcano Explorer

WEBSITE

<http://kids.discovery.com/games/build-play/volcano-explorer>

OBJECTIVE

Analyze what happens when a large amount of energy passes through the Earth's layers and is released as heat.

ASSIGNMENT

Visit the link above and click on the word *Enter*. Click on the phrase *Stop Rotation* in the orange box to the right of the globe and compare how many volcanoes are in different parts of the world. Click on *Virtual Volcano* on the left side of the menu to build your own volcano and watch it erupt! As you create your volcano, answer the questions below.

QUESTIONS

1. Which gas and viscosity settings did you choose?
2. Given the settings you chose, which formation was displayed?
3. Given the settings you chose, where are your volcanoes commonly found?
4. Describe three of the results that were shown after your volcano erupted.

Parents: The link for this activity serves to enhance the information located in the *Student Workbook*. The website chosen for this assignment provides realistic, current information, while contributing to your student's knowledge and understanding about the topic.